

The Fluorophos® ALP Test System

Determining safe alkaline phosphatase levels with speed and accuracy

The Fluorophos ALP Test System takes phosphatase testing to its highest level



by yielding quantitative results and eliminating subjective interpretation.

Studies prove its versatility when testing dairy products made from cow, goat, sheep, and other species.

The EU now requires that any other method considered for use be validated against the fluorimetric method and has lowered the statutory level

In May 2007, the European Union approved the fluorimetric method (ISO 11816-1: IDF 155-1) as the "official reference" method used for ALP testing.

for ALP in pasteurized milk from 500 to 350mU/l.

With the Fluorophos ALP Test System, you can closely monitor

your production processes and anticipate quality control problems. The test can detect pinholes and cracked seals in your HTST system before they trigger pasteurization failures and workflow interruptions.



ADVANCED INSTRUMENTS, INC.

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Greatest sensitivity

The Fluorophos ALP Test detects as little as 0.003% raw milk contamination, making it many times more sensitive than any other method. Fluorophos actually exceeds the FDA and EU ALP detection criteria.

Highest specificity

The Fluorophos' high level specificity eliminates false positives, and color or fat content variations in cheese and flavored products will not affect test results.

Globally proven

Laboratories around the world are using the Fluorophos ALP Test in conjunction with a Hazard Analysis and Critical Control Point (HACCP) program. The Fluorophos has been extensively studied and approved by the AOAC, ISO/IDF, CEN European Standards, and NCIMS/FDA for confirming proper pasteurization.

Fastest test available

Test results automatically appear in 3 minutes on the digital display. With one system you can test both cheese and other dairy products made from fluid milk.

Reduced production liability

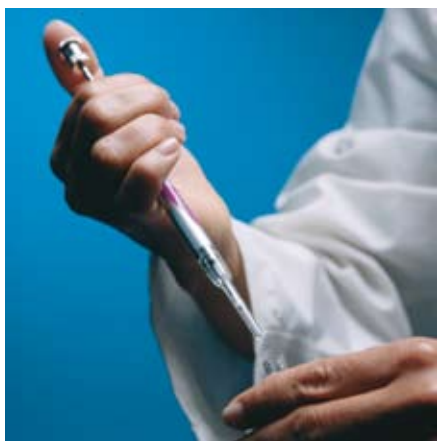
Documented reports indicate that improper pasteurization is still a public health concern, and in some cases has caused illness to consumers. Alarming, the milk in these cases was deemed acceptable by the testing methods used. Because the Fluorophos ALP Test detects ultra low levels of raw milk contamination, it offers unmatched protection against the threat of pathogens in pasteurized milk.

The fastest and most sensitive test for confirming pasteurization



Fastest and easiest test available

The Fluorophos ALP Test System provides test results in just 3 minutes for confirmation of pasteurization. With just one reagent to prepare, and easy-to-follow display prompts; the Fluorophos eliminates user errors and ensures consistent results.



Running the Fluorophos ALP Test is fast and easy – simply add the milk sample to the substrate...



Then place the cuvette in the Fluorophos instrument and push "Start". Your results will appear automatically in three minutes.

Available from:

The Fluorophos® ALP Test System Specifications

Sample capacity	Single sample
Range	Auto-ranging, automatic zero
Optics	90° optical fixed filter
Resolution	± 1 FLU (fluorescence unit)
Drift	Less than 3 FLU/hour
Communications	RS-232C; 1200/2400/9600 baud
Memory backup	Lithium cell, 5 years
Power	100-130 V (60 Hz) or 210-250 V (50 Hz)
Dimensions	6" H x 16" W x 12" D (15 cm H x 40 cm W x 30 cm D)
Net weight	25 lbs (11 kg)
Shipping weight	35 lbs (16 kg)
Warranty	One year limited warranty on workmanship and parts except glass, plastic and parts warranted by their makers

Certifications



The Fluorophos ALP Test Specifications

Test time	3 minutes
Sample size	75 µL
Sensitivity	0.003% raw milk
Between run CV	RSD, 3.8%
Reagent stability (Prior to reconstitution)	2 years from date of manufacture, refrigerated

Hot-Line® Technical Service

Advanced Instruments' Hot-Line Service and worldwide dealer network provides comprehensive customer service and technical support.

In the United States and Canada, call (800) 225-4034, Monday through Friday, 8:00am to 4:30pm (EST). After operating hours, dial x2191.

For more information on the Advanced Instruments family of tests, please call +1 (781) 320-9000 or email us at info@aicompanies.com.

Advanced Instruments, Inc., an industry leader for more than fifty years, designs and implements automated systems that help our global customers improve productivity and product quality, meet regulatory requirements; and reduce operating expense. Advanced Instruments and its subsidiaries, Spiral Biotech and Delta Instruments, engineer turnkey systems to monitor raw and finished product quality.

The management system governing the manufacturing of this product is ISO 9001:2000 and ISO 13485:2003 certified.



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